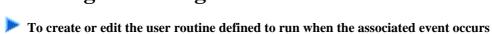
Editing End-of-Job User Routines

This section covers the following topics:

- Creating or Editing User Routines
- Example

Creating or Editing User Routines



1. Type **E** in the line command field of the associated event in the End-of-Job Checking and Actions screen. Press Enter.

The Entire Operations Editor screen appears. If a user routine has already been defined, it appears on the screen.

Note:

The edit option - E line command - is available only at the event level, and only if the event is an R-type.

2. You can modify the existing user routine or create a new one using Editor commands and PF keys.

A user check routine must be a Natural subprogram. The subprogram returns a code zero to signal **job ok** status. Any other code signals **job not ok**.

Example

An end-of-job user routine is shown in the example below. This routine summarizes the contents of a numeric field in the sysout and compares it with a given value. If both are equal, the event is **ok**, otherwise it is **not ok**.

For a full description of the Editor, see the Software AG Editor Documentation.

```
DEFINE DATA PARAMETER USING NOPXPL-A
LOCAL
1 READ-SPOOL VIEW OF READ-SPOOL
                                   /* AN ENTIRE SYSTEM SERVER VIEW
 2 RECORD
  2 REDEFINE RECORD
   3 RECORD-HEADER
                   (A05)
1 #NF
                 (IO2) CONST <10> /* MAX. NUMBER FOR SEPARATION
                 (N08) INIT <0>
1 #SUM
1 #SUM-EXPECTED (N08) CONST <2000>
1 #FIELD
                 (A10/1:#NF)
1 #LOG-STATUS
                (N04)
1 #LOG-MESSAGE
                 (A60)
END-DEFINE
```

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```
* This EOJ User Routine will read the Job sysout (dataset 2) \,
* and will summarize a defined field.
* If the sum is equal to a given value, this routine returns
* an 'OK' (P-RC = 0), otherwise 'NOT OK'.
\mbox{\scriptsize *} A log record will be written to document the result.
RESET #SUM
RS. FIND READ-SPOOL
   WITH NODE = P-EXECUTION-NODE AND JOB-NUMBER = P-JOB-NUMBER
   AND TYPE = 'SO' AND DATA-SET = 2 AND RECORD-NUMBER >= 1
 ACCEPT IF RS.RECORD-HEADER = 'REC01' /* interesting only
 SEPARATE RS.RECORD LEFT JUSTIFIED INTO #FIELD(*)
 ADD VAL(#FIELD(3)) TO #SUM
END-FIND
IF #SUM = #SUM-EXPECTED
 RESET P-RC
 MOVE 'Sum check is ok' TO #LOG-MESSAGE
ELSE
 MOVE 1 TO P-RC
 COMPRESS 'Sum:' #SUM 'Expected:' #SUM-EXPECTED INTO #LOG-MESSAGE
END-IF
MOVE 9999 TO #LOG-STATUS
CALLNAT 'NOPULW3N'
                            /* WRITE LOG RECORD
  #LOG-STATUS #LOG-MESSAGE P-OWNER P-NETWORK P-JOB P-RUN
 P-JOB-NUMBER
END
```

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